

**AMENDMENTS TO THE CLAIMS:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

**Listing of Claims:**

1. (currently amended): A method of requirements traceability based on a UML model, ~~characterized in that~~ comprising the steps of: during the modeling, a graphics interface is used when creating an element of a model,  
placing a requirement ~~[[is]]~~ immediately ~~placed~~ on ~~[[this]]~~ the element in this graphics interface and ~~same the element~~ is systematically filled in with the upward requirement which has given rise to the creation of this element.
2. (currently amended): The method as claimed in claim 1, ~~characterized in that~~ comprising the steps of: when creating a UML Requirement ~~[[ ]]~~ which has repercussions on several elements of the model, attaching said requirement ~~is attached~~ to the common element containing the set of elements on which the requirement has repercussions.
3. (currently amended): The method as claimed in claim 1 ~~[[or 2]]~~, ~~characterized in that~~ comprising the steps of: when an element of the model is deleted, all the UML Requirements attached to this element are likewise deleted.
4. (currently amended): The method as claimed in claim 3, ~~characterized in that~~ wherein all the UML Requirements attached to all the elements attached to said element are likewise deleted.
5. (currently amended): The method as claimed in ~~one of the preceding claim~~ ~~[[s]]~~ 1, ~~characterized in that~~ comprising the steps of: the UML Requirements are exported to the "DOORS" requirements management tool so as to ensure therein their management and their traceability.
6. (currently amended): The method as claimed in claim 5, ~~characterized in that~~ comprising the steps of: the UML Requirements are exported to DOORS, in the course of the development of the model, each time that this model has attained a stable state.

7. (new): The method as claimed in claim 2, wherein when an element of the model is deleted, all the UML Requirements attached to this element are likewise deleted.

8. (new): The method as claimed in claim 2, wherein the UML Requirements are exported to the DOORS requirements management tool so as to ensure therein their management and their traceability.

9. (new): The method as claimed in claim 3, wherein the UML Requirements are exported to the DOORS requirements management tool so as to ensure therein their management and their traceability.

10. (new): The method as claimed in claim 4, wherein the UML Requirements are exported to the DOORS requirements management tool so as to ensure therein their management and their traceability.